Jay C. Brinkmeyer

This Information Disclosure Statement is submitted:

Herewith

Inventor(s):

Filing Date:

PO Box 1450

Title:

Sir:

Application No.:

Commissioner for Patents

Typed Name: Michael G. Fletcher

Rev 05/03 (IDSXML)

Alexandria, VA 22313-1450

PATENT APPLICATION

Examiner: Mizrahi, Diane D.

Date: 09-09-2003

Telephone No.: (281) 970-4545

Confirmation No.:

Group Art Unit: 2175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

QUEUE AND HETEROGENOUS DATA STRUCTURES

COMPUTER SYSTEM USING A QUEUEING SYSTEM AND METHOD FOR MANAGING A

(X) under 37 CFR 1.97(b), or (Within three months of filing national applicat mailing date of first office action on the merits; v	cion; or date of entry of national application; or before whichever occurs last)
 () under 37 CFR 1.97(c) together with eit () Statement under 37 CFR 1.97(e), c () a \$180.00 fee under 37 CFR 1.17((After the CFR 1.97 (b) time period, but before f 	or
 () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1 () a \$180.00 fee set forth in 37 CFR (Filed after final action, a notice of allowance)) or (2), and 1.17(p).
Please charge to Deposit Account 08-2025 t pendency of this application, please charge any Account 08-2025 pursuant to 37 CFR 1.25.	he sum of \$0.00 . At any time during the fees required or credit any overpayment to Deposit
copies, of patents, publications or other informatio	1449 - Information Disclosure Citation together with n of which applicant(s) are aware, which applicant(s) his application and for which there may be a duty to
and other foreign language information listed on individuals(s) designated in 37 CFR 1.56 (c) most attached sheet, or where a foreign language pate foreign patent office in a counterpart foreign app	reign language patents, foreign language publications in PTO Form 1449, as presently understood by the t knowledgeable about the content is given on the ent is cited in a search report or other action by a polication, an English language version of the search ance found by the foreign office is listed on form PTO
It is requested that the information disclosed herein	be made of record in this application.
"Express Mail" label no. EL 982 235 821 US	Respectfully submitted,
Date of Deposit 09-09-2003	Jay C. Brinkmeyer
I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.	By Michael G. Fletcher
By Mull 5 H	Attorney/Agent for Applicant(s) Reg. No. 32,777

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

. J. , 🦻

Jay C. Brinkmeyer

Prior Application Serial No.: 09/883,631 Prior Application Filed: June 18, 2001

Serial No.: Unassigned

Filed: Herewith

For: COMPUTER SYSTEM USING A

QUEUEING SYSTEM AND METHOD FOR MANAGING A QUEUE AND

HETEROGENOUS DATA

STRUCTURES

Group Art Unit: 2175

Examiner: Mizrahi, D.

Atty. Docket: PDNO:200303934-3

COMP:0074--2/FLE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313 NUMBER: DATE OF DEPOSIT: EXPRESS MAIL MAILING LABEL

EL 982 235 821 US

OSIT: September 9, 2003

Pursuant to 37 C.F.R. § 1.10, 1 hereby certify that I am personally depositing this paper or fee with the U.S. Postal Service, "Express Mail Post Office to Addressee" service on the date indicated above in a sealed envelope (a) having the above-numbered Express Mail label and sufficient postage affixed, and (b) addressed to the Commissioner for Patents, Alexandria, VA 22313.

September 9, 2003

Date

er 9, 2003

Dear Sirs:

ADDENDUM TO INFORMATION DISCLOSURE STATEMENT

The attached "Information Disclosure Statement" indicates that Applicants have submitted copies of patents, publications, and other information. However, the Patent Office has recently notified applicants that:

The Office hereby waives the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003.

Accordingly, Applicants have not submitted copies of any U.S. Patents or any

U.S. Patent Application Publications cited on the attached form PTO-1449.

Respectfully submitted,

Date: September 9, 2003

1.,3

Michael G. Fletcher Reg. No. 32,777 FLETCHER YODER (281) 970-4545

CORRESPONDENCE ADDRESS:

IP Administration
Legal Department, M/S 35
HEWLETT-PACKARD COMPANY
P.O. Box 272400
Fort Collins, CO 80527-2400

Sheet 1 of 6

FORM PTO-1449					ATTY. DOCKET NO. 200303934-3	APPLICATION NO. CONFIRMATION	NC		
LIS	ST OF	PATENTS AND P	JBLICATIONS FOR	-	APPLICANT				
		ANT'S INFORMATI	ON DISCLOSURE		Jay C. Brinkmeyer				
		STATE	:MEN I		FILING DATE	GROUP			
	(L	Jse several sheets	if necessary)		Her with	2175			
REFERE	NCE	DESIGNATION	U.S. PA	TENT	DOCUMENTS				
XAMINER INITIAL		DOCUMENT NUMBER			NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear			
	1A 5,386,514 01/31/95 1B 5,410,722 04/25/95		Lary	et al.					
-			04/25/95	Corr	naby				
Ĩ	1C	5,574,912	11/12/96	Hu e	et al.				
	1D	5,602,998	01/11/97	Alfe	rness et al.				
	1E	5,625,846	04/29/97	Kob	ayakawa et al.				
	1F	5,729,749	03/17/98	Ito					
	1G	5,748,954	05/05/98	Mau	ldin				
	1H	5,819,251	10/06/98	Krer	ner et al.				
	11	5,873,089	02/16/99	Regache Douceur et al.					
	1J	6,041,053	03/21/00						
	1K	6,389,513 B1	05/14/02	Clos	son, Kevin A.				
		DOCUMENT NUMBER	PUBLICATION DATE		ME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Tran	eck i slatio		
	1L								
	1M								
	1N								
	10						_		
	1P								
		OTHER REF	ERENCES (includin	g Aut	hor, Title, Date, Po	ertinent Pages, etc.)	_		
	10	Mendel, Brett; page and page	"Server I/O all set t e 31	o flow	; Lantimes, Octobe	r 27, 1997, Vol. 14, Issue 22; cover	_		
	1R	Briggs, Chris; 1996, Vol. 2,	"Smarter and Fraste No. 5	r I/O fo	or Servers"; CORE: (Operating Systems; Byte, May 1,			
	15	Thompson, To	om; "I2O Beats I/O B	ottlene	ecks"; Byte, August	1997, pp. 85, 86 and 3 additional			
EXAMII	NER				DATE CONSIDER	ED			

Sheet 2 of 6

FORM PTO-1449					200303934-3	API	PLICATION NO.	CONFIRMATI	ION NO
	-		UBLICATIONS FOR ION DISCLOSURE		APPLICANT				
AP	PLICA		EMENT		Jay C. Brinkmeyer				
	{ U :	se several sheets	if necessary)		FILING DATE Herewith		GROUP 2175		
REFEREN	ICE I	DESIGNATION	U.S. P	ATEN	T DOCUMENTS				
XAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME Cabrera et al.		Pages, Columns, Lines Where Relevant Passages or Figures Appear		
	2A 6,490,666 B1 12/03/0		12/03/02	Cat					
									
	2C		 	+					_
	2D								
	2E								
	2F		ļ	+					
	2G		 	+				 	
	2H			+-			 		- .
	21			+-					
	2J		 	+-					_
	2K			-}		}	· · · · · · · · · · · · · · · · · · ·		_
	21		<u> </u>						
		DOCUMENT NUMBER	PUBLICATION DATE		PATENT DOCUMI AME OF PATENTEE OR APPLICANT	Page	Pages/Columns/Lines Where Tra		
	2L	· · · · · · · · · · · · · · · · · · ·				+		····	attached
	2M		 						
	2N		1			 			
	20		 			╅			
	2P		 						
			<u> </u>			<u> </u>			
		OTHER REF	ERENCES (includir	ng Au	thor, Title, Date, P	ertinent	Pages, etc.)		
	20	I2O Introducti http://www.i2	on; Technology Bac losig.org/Architectu	kgrour re/Tecl	nder; August 13, 199 nBack.html	97;			
	2R	"i960 RP I/O F 1998	Processor - the I2O	SIG sit	e; http://134.134.21	14.1/desig	n/iio/i2osig.h	tml; February (-
	25	"Welcome to	the I2O SIG Web Sit	te!"; h	ttp://www.i20sig.org	g; Februar	y 6, 1998		_ ノ
EXAMIN	IER	1			DATE CONSIDER	RED			

Rev 05/03 (PTO1449)

Sheet 3 of 6

FORM F	PTO-1449		200303934-3	. APPLICATION NO. CON	WINDIA HOW IN		
	PATENTS AND PU			APPLICANT			
APPLIC	ANT'S INFORMATI STATE		Jay C. Brinkmey	Jay C. Brinkmeyer			
41	lse several sheets i	f ====================================	FILING DATE	GROUP			
		i necessary)	Her with	2175			
REFERENCE	DESIGNATION	U.S. PA	ATENT DOCUMENTS				
(AMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Line Relevant Passages or Fig			
ЗА	,						
3В	***						
3C	, , , , , , , , , , , , , , , , , , , ,						
3D	W-1						
3E							
3F		**					
3G							
зн					<u> </u>		
31			7				
3J							

3K	DOCUMENT	FOR	EIGN PATENT DOCUM	1.	FA		
3L	DOCUMENT NUMBER		NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Whe Relevant Passages/Figures Ap	re Translati		
3L 3M		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Whe	re Translati		
3L 3M 3N	NUMBER	PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Whe	re Translati		
3L 3M 3N 3O		PUBLICATION	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Whe	re Translati		
3L 3M 3N	NUMBER	PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Whe	re Translati		
3L 3M 3N 3O	NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Whe Relevant Passages/Figures Ap	re Translati attache		
3L 3M 3N 3O	NUMBER OTHER REFE	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Whe Relevant Passages/Figures Apple 10 Pertinent Pages, etc.)	re Translati		
3L 3M 3N 3O 3P	OTHER REFE	PUBLICATION DATE RENCES (includin chnology"; http://w	NAME OF PATENTEE OR APPLICANT g Author, Title, Date,	Pages/Columns/Lines Whe Relevant Passages/Figures Apple 10 Pertinent Pages, etc.)	re Translati		
3L 3M 3N 3O 3P	OTHER REFE "About I2O Tell "Technology Bi 1998; 6 pages	PUBLICATION DATE RENCES (includin chnology"; http://w/	NAME OF PATENTEE OR APPLICANT g Author, Title, Date, ww.i2osig.org/Architectu	Pages/Columns/Lines Whe Relevant Passages/Figures Apple Pertinent Pages, etc.) Ire; February 6, 1998	re Translati attache		

Sheet 4 of 6

FORM P	TO-1449		ATTY, DOCKET NO.	APPLICATION NO. CONFIRMA	TION			
LIST OF	DATENTS AND DI	JBLICATIONS FOR	200303934-3					
	ANT'S INFORMATI	ON DISCLOSURE	Jay C. Brinkmeye	_				
	STATE	MENT	FILING DATE	GROUP				
(U	se several sheets i	f necessary)	H r with 2175					
EFERENCE	DESIGNATION	U.S. PA	TENT DOCUMENTS	ENT DOCUMENTS				
AMINER NITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear				
4A								
4B								
4C								
4D								
4E								
4F								
4G								
4н								
41	41							
4J	en a							
4K								
					Cher			
4L	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Chec Transl attac			
4L 4M					Transl			
					Trans			
4M					Trans			
4M 4N					Trans			
4M 4N 4O	NUMBER	DATE		Relevant Passages/Figures Appear	Transl			
4M 4N 4O	OTHER REF	DATE	OR APPLICANT og Author, Title, Date, P	Relevant Passages/Figures Appear	Transl			
4M 4N 4O 4P	OTHER REF	ERENCES (including	or APPLICANT og Author, Title, Date, P ers"; http://www.i2osig.org	Relevant Passages/Figures Appear	Trans			
4M 4N 4O 4P	OTHER REF	ERENCES (including ions for Non-Member on G.; "I2O Future D	or APPLICANT or Author, Title, Date, P ors"; http://www.i2osig.org	ertinent Pages, etc.) /Architecture/GetSpec.html; Februa	Transl			

Sheet 5 of 6

FORM PTO-1449				1	ATTY. DOCKET NO. 200303934-3	1	APPLICATION NO.	CONFIRMA	ATION NO
LIS	ST OF	PATENTS AND PU	BLICATIONS FOR		APPLICANT Jay C. Brinkmeyer				
AF	PPLICA	NT'S INFORMATIC. STATEN		1					
				Ī	FILING DATE		GROUP		
	(Us	se several sheets if	necessary) 		H rewith		2175		
REFERE	NCE [DESIGNATION	U.S. P	ATENT	DOCUMENTS				
XAMINER INITIAL		DOCUMENT NUMBER			NAME		Pages, Columns, Lines Where Relevant Passages or Figures Appear		
	5A								
	5B								
	5C								
	5D								,
	5E								
	5F			$\neg \vdash$					
	5G						· · · · · · · · · · · · · · · · · · ·		
	5H								
	51								
5J	5J			1					
	5K								
			FO	REIGN	PATENT DOCUM	IENTS			
				REIGIN		· · ·	/		Check if
		DOCUMENT NUMBER	PUBLICATION N DATE		NAME OF PATENTEE OR APPLICANT		Pages/Columns/Lines Where Relevant Passages/Figures Appear		Translation attached
	5L								
	5М						·		
	5N								<u> </u>
	50								
	5P								T
		OTHER REFE	RENCES (includi	ing Aut	hor, Title, Date, P	Pertiner	nt Pages, etc.)	· <u>-</u>	
	50	"Press Releases	and Clips"; http:	//www.	i2osig.org/Press; Fe	ebruary	6, 1998; 4 page	es	
	5R	Listing of Press bin/quer = 2	Releases; http://a 1%2FMar%2F868	altavista &d1 = &s	.digital.com/cgi- search.x = 46&searc	ch.y = 6	; February 6, 19	98, 2 pages	<u>-</u>
	58	Crothers, Brook	e; "Intel server ch	nip gets m/0,4,1	big backing", Octo 4962,00.html; F b	ober 7, 1	997; , 1998		
EXAMII	NER				DATE CONSIDER	RED			

Sheet 6 of 6

FO	FORM PTO-1449				ATTY. DOCKET NO.	l	APPLICATION NO.	CONFIRMA	TION NO
118	ST OF	PATENTS AND PU	BLICATIONS FOR	⊢	200303934-3 APPLICANT Jay C. Brinkmey r				
		NT'S INFORMATIO	N DISCLOSURE						
				Ī	FILING DATE		GROUP		
	(Us	e several sheets if	necessary)		Herewith 2175				
REFEREN	NCE E	ESIGNATION	U.S. PA	TENT	DOCUMENTS				
XAMINER INITIAL		DOCUMENT NUMBER			NAME		Pages, Columns, Lines Where Relevant Passages or Figures Appea		
	6A	į							
	6B								
	6C								
	6D					- †			
	6E								
	6F								
	6G					1			
	6Н			<u> </u>	 				
	61			 					
	6J			-				 	
	6K			+		-+			
						L			
			FOR	EIGN	PATENT DOCUM	IENTS			
		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT			Pages/Columns/Lines Where Relevant Passages/Figures Appear		
	6L								
	6M								
	6N								
	60				· · · · · · · · · · · · · · · · · · ·				
	6P								
<u></u>	<u> </u>	OTHER REFE	RENCES (includin	a Aut	hor, Title, Date, F	Pertine	ent Pages, etc.)		
	T	T				-	-		
	60	Hewlett Packar	d: Press Release. A	tlanta.	Standard With New Oct. 8, 1997; oct97/08oct97b.ht		•		
	6R	"I2O: Disaster i http://22.kenan	n the making for th dted.com/i2o/disas	ne free ster.htr	ware community"; nl; February 6, 199	98, 2 pa	ages		
	68			<u></u>					
								•	
EXAMI	LL	L			DATE CONSIDER	RED			
					3,112 331131321	,			

Rev 05/03 (PTO1449)